

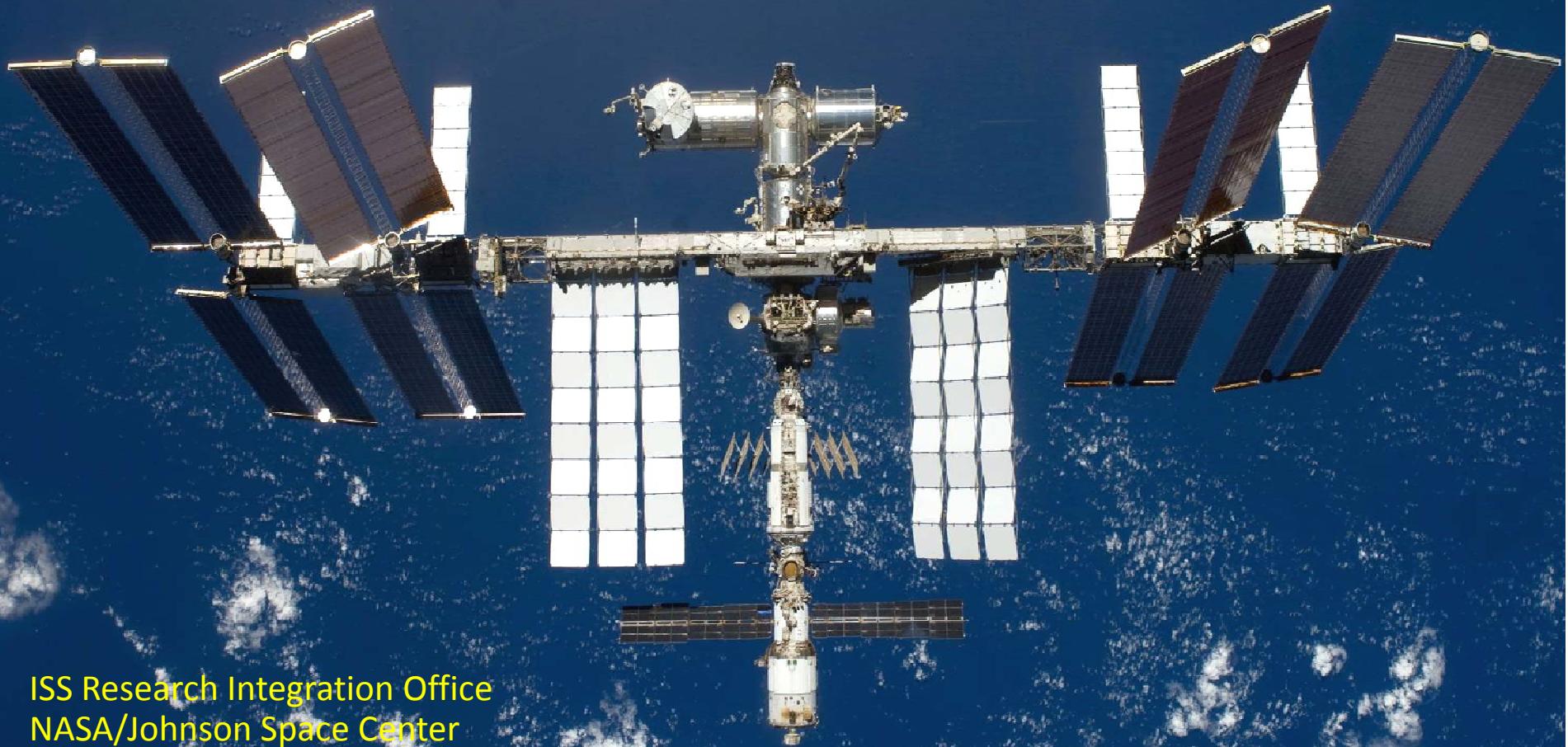


International Space Station

How to Get New Research Onto ISS



◀ A 5-Phase Template ▶



ISS Research Integration Office
NASA/Johnson Space Center
February 2013



How to Get New Research Onto ISS

◀ A 5-Phase Template ▶

Summary



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Funding Sources

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PHASE 2: STRATEGIC PLANNING

PHASE 3: TACTICAL PLANNING

PHASE 4: OPERATIONS

PHASE 5: POST-FLIGHT





PHASE 1: SPONSORSHIP

Funding Sources



(a) NASA Research

Grant opportunities and information in NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) at <http://nspires.nasaprs.com/external/>

(b) National Laboratory Research / The Center for the Advancement of Space in Science (CASIS)

The 2005 NASA Authorization Act designated the U.S segment of the space station as a national laboratory, enabling access by other Federal agencies, non-profits, and the private sector. Opportunities and information in CASIS' website at <http://www.iss-casis.org/>

(c) Educational Activities

Both NASA Education and CASIS offer education opportunities and information at NASA: http://www.nasa.gov/mission_pages/station/research/research_teacher.html and at CASIS: <http://www.iss-casis.org/research.php>

(d) International Partner Research

International investigators should seek sponsorship through their appropriate space agency.

For more information on research sponsorship and funding, see:

http://www.nasa.gov/mission_pages/station/research/funding_information.html





PHASE 1: SPONSORSHIP

Points of Contact

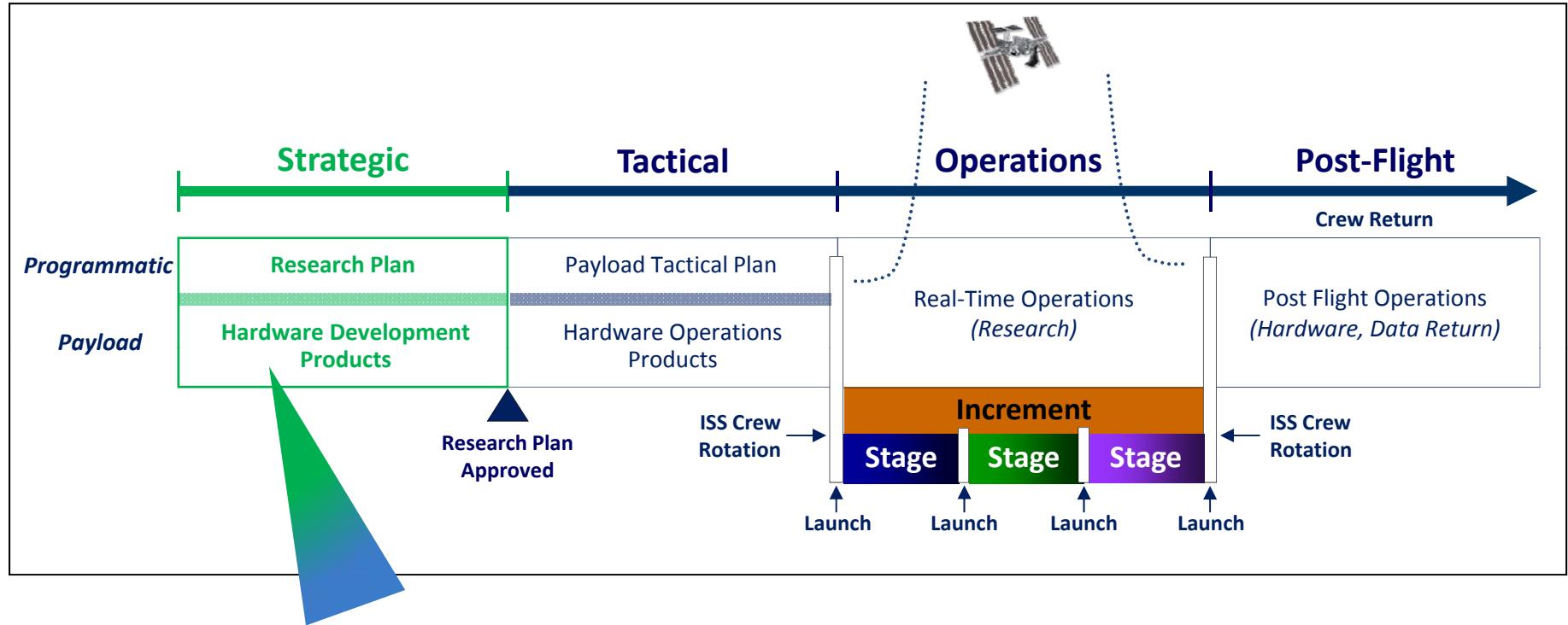


Sponsoring Organization <i>(Funding Source)</i>	Selecting Organization	ISS Integration Contact
NASA Life and Physical Sciences - Human Research Program <i>(NASA-funded)</i>	NASA: William Paloski	Cindy Haven, NASA/JSC
NASA Life and Physical Sciences - Physical Science <i>(NASA-funded)</i> - Space Biology <i>(NASA-funded)</i>	NASA: Marshall Porterfield	Sharon Conover, NASA/JSC
Astrophysics, Heliophysics, Space & Earth Sciences <i>(NASA-funded)</i>	NASA: Paul Hertz / Selecting Division Director	Sharon Conover, NASA/JSC
Technology Demonstration <i>(NASA-funded)</i>	- NASA Office of the Chief Technologist: Mike Gazarik - NASA Advanced Exploration Systems: Jason Crusan	George Nelson, NASA/JSC
ISS National Laboratory <i>(Other government agency funded, non-profit / commercially funded)</i>	The Center for the Advancement of Space in Science (CASIS)	Michael Read, NASA/JSC
Education	- CASIS ISS Education: John Neubauer - NASA ISS Education: Jane Gensler	- Michael Read, NASA/JSC - Sharon Conover, NASA/JSC





PHASE 2: STRATEGIC PLANNING



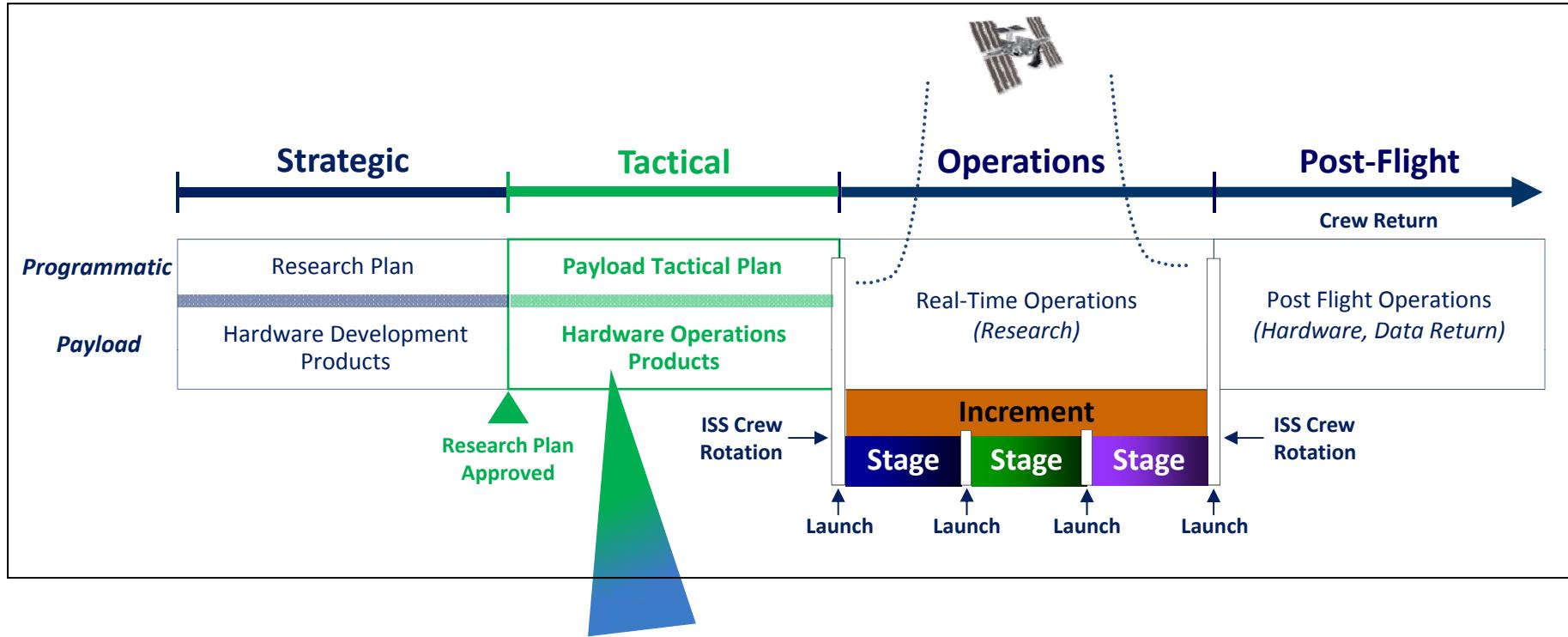
*Payload
Developer
Inputs*

- WHO:** Points of Contact
- WHAT:** Requirements Definition
- WHEN:** Operations Plan
- WHERE:** Launch and On-Orbit Requirements
- WHY:** Investigation Objectives





PHASE 3: TACTICAL PLANNING



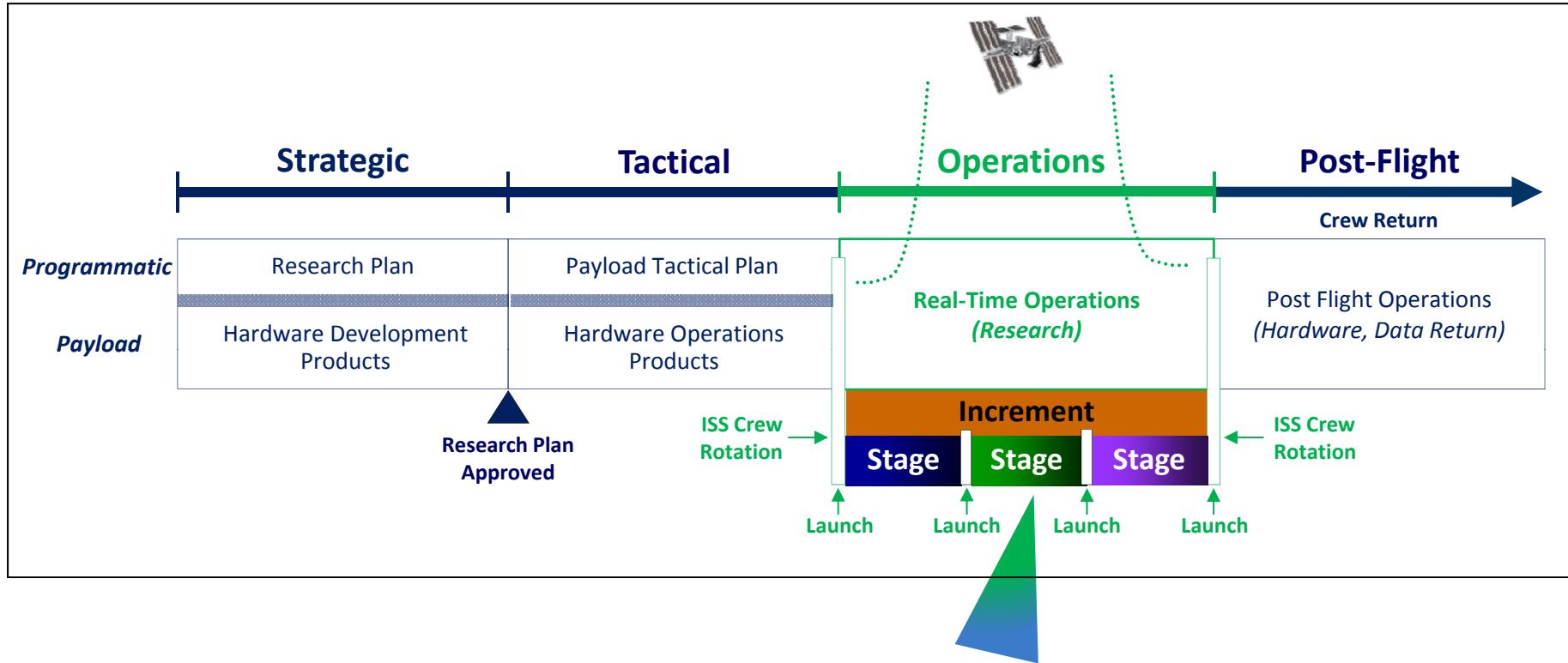
*Payload
Developer
Inputs*

- Changes to Baseline Research Plan
- Training Products and Procedures
- Safety Review Packages
- Hardware Verification Data
- Software Verification Data





PHASE 4: OPERATIONS



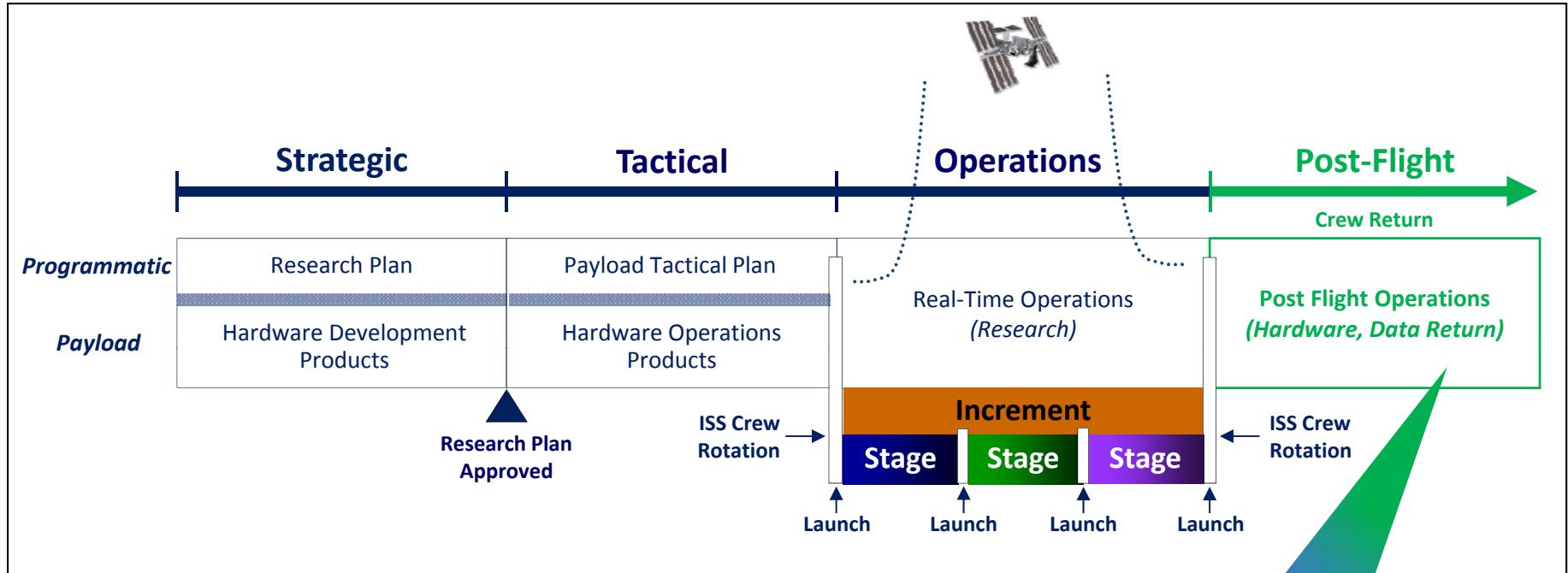
*Payload
Developer
Inputs*

- Investigator Participation Real-Time (e.g., Console Operations)
- Crew Conferences
- Anomaly Resolution
- Data Collection and Sample Return





PHASE 5: POST-FLIGHT



*Payload
Developer
Inputs*

- Research Summary Updates
- 30-Day Reports
- Formal Publications





ACRONYMS



AES	= Advanced Exploration Systems
ASI	= Agenzia Spaziale Italiana
CASIS	= The Center for the Advancement of Space in Science
CSA	= Canadian Space Agency
DoD	= Department of Defense
ESA	= European Space Agency
HEOMD	= Human Exploration Operations and Mission Directorate
ISS	= International Space Station
JAXA	= Japan Aerospace Exploration Agency
JSC	= Johnson Space Center
NIH	= National Institutes of Health
NSF	= National Science Foundation
NSPIRES	= NASA Solicitation and Proposal Integrated Review and Evaluation System
OCT	= Office of the Chief Technologist
SMD	= Science Mission Directorate
tbd	= To be determined
Tech. Dev.	= Technology Development
USDA	= United States Department of Agriculture